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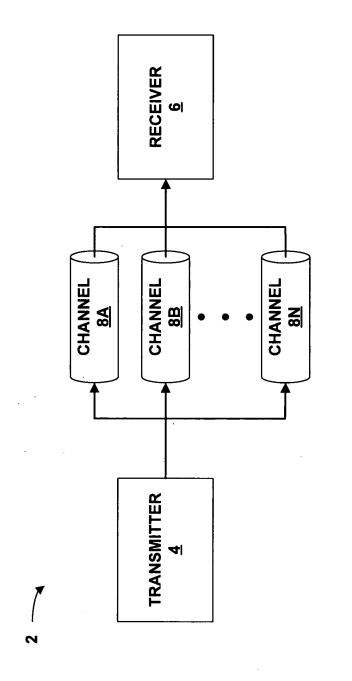
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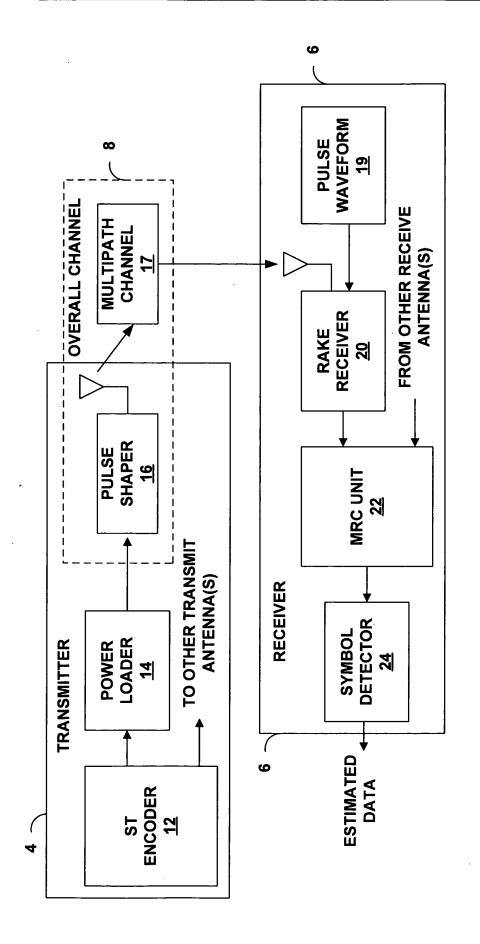
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APPLICANT: GEORGIOS GIANNAKIS AND LIUQING YANG
TITLE: SPACE-TIME CODING FOR MULTI-ANTENNA ULTRA-WIDEBAND TRANSMISSIONS
ATTORNEY/AGENT: KENT J. SIEFFERT
REG. NO. 41,312 TELEPHONE: 651.735.1100
DOCKET NO.: 1008-013US01 SHEET 1 OF 14



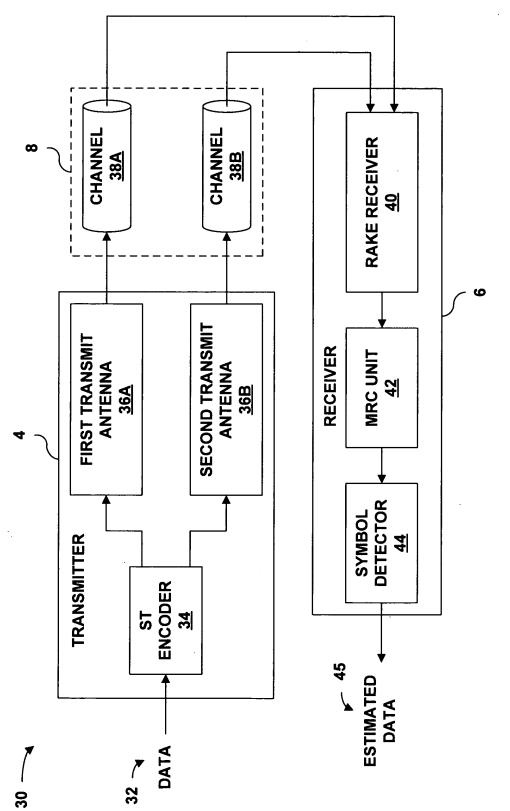
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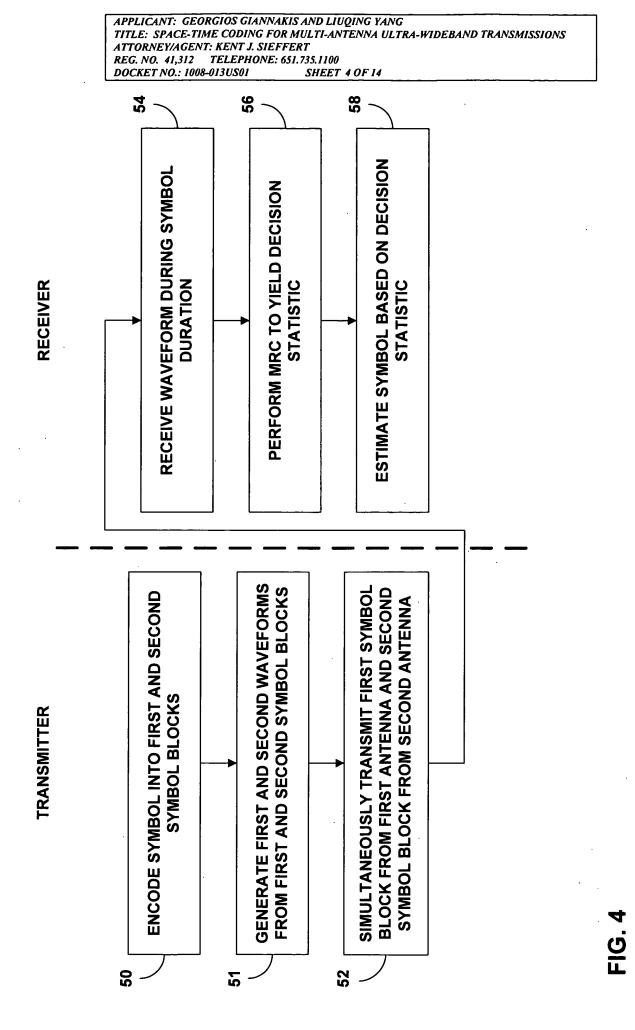
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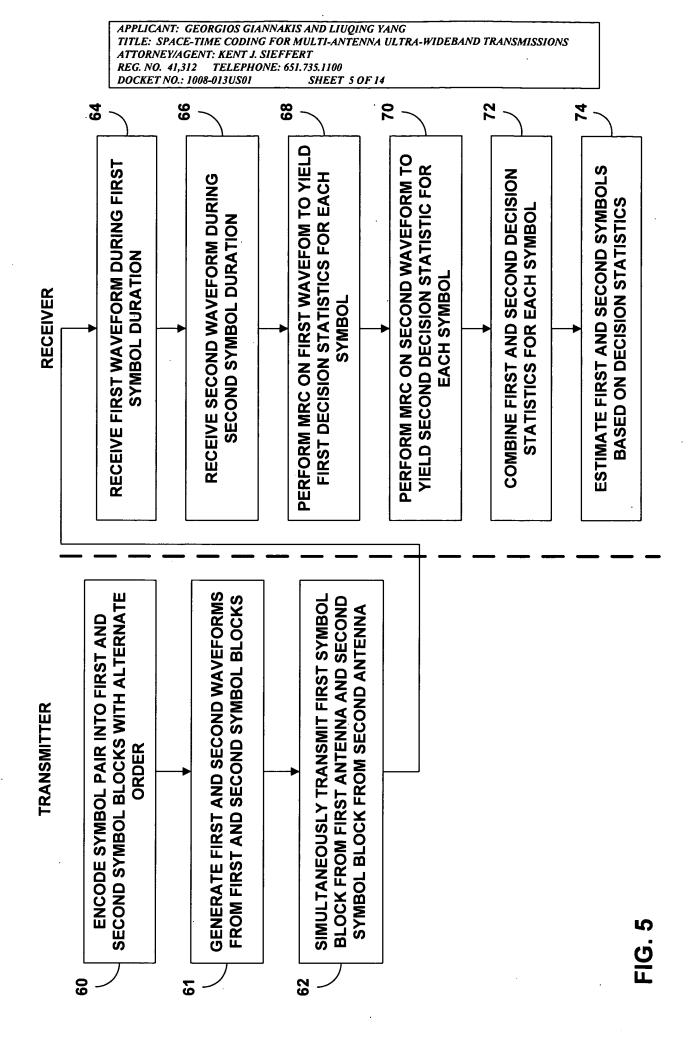


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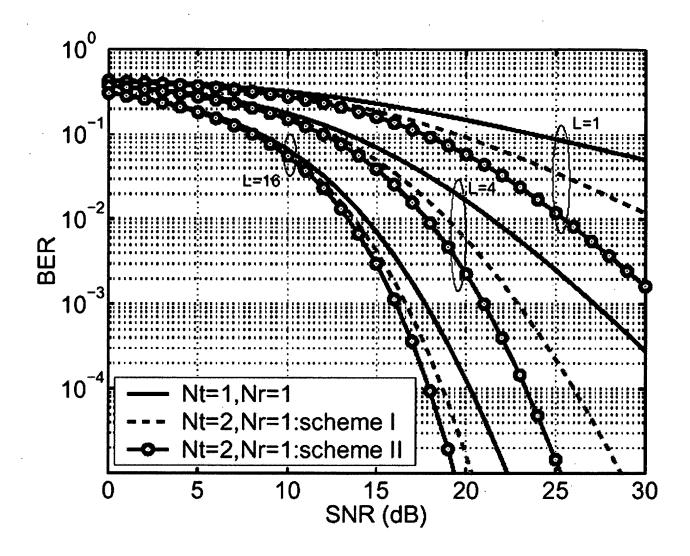


FIG. 6

APPLICANT: GEORGIOS GIANNAKIS AND LIUQING YANG TITLE: SPACE-TIME CODING FOR MULTI-ANTENNA ULTRA-WIDEBAND TRANSMISSIONS

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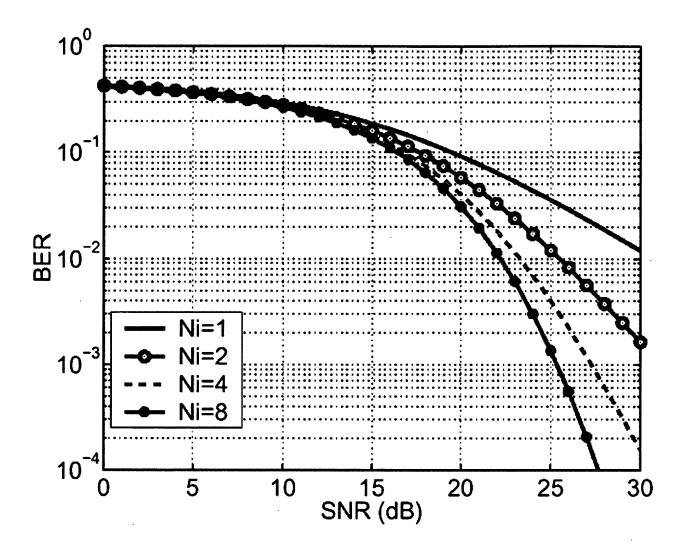


FIG. 7

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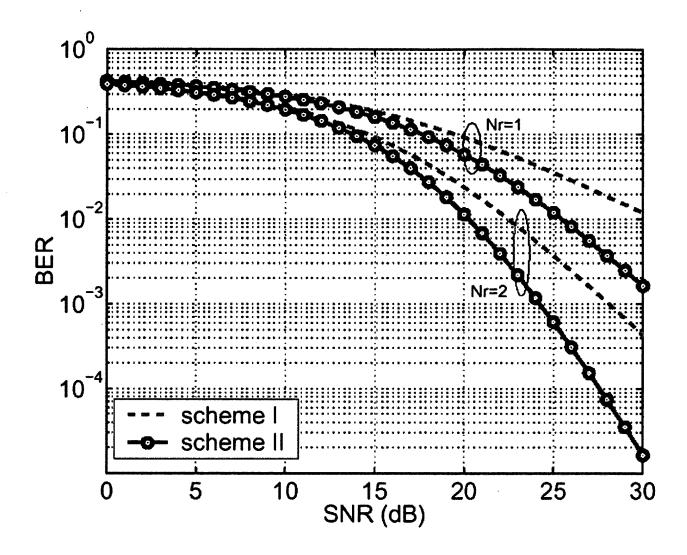


FIG. 8

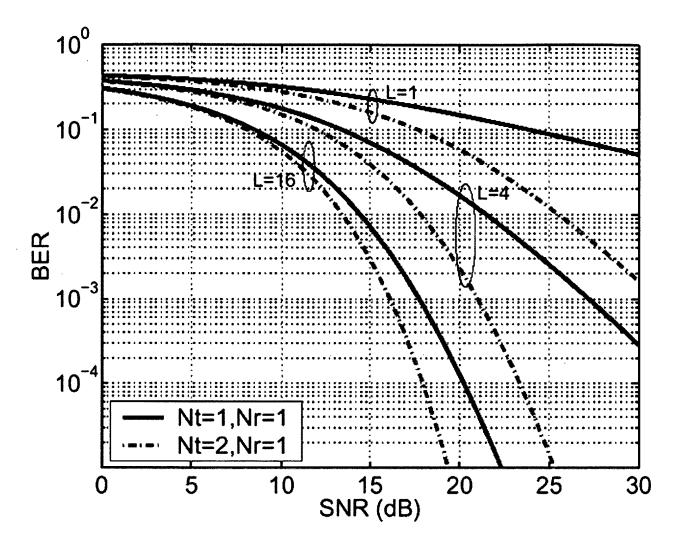


FIG. 9

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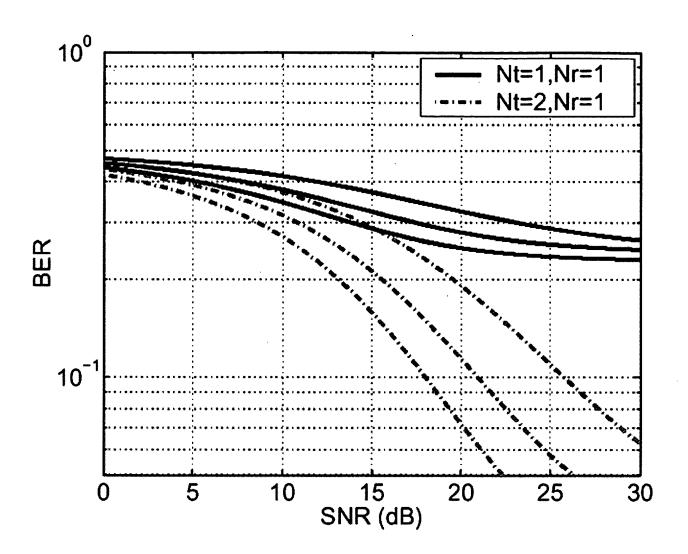


FIG. 10

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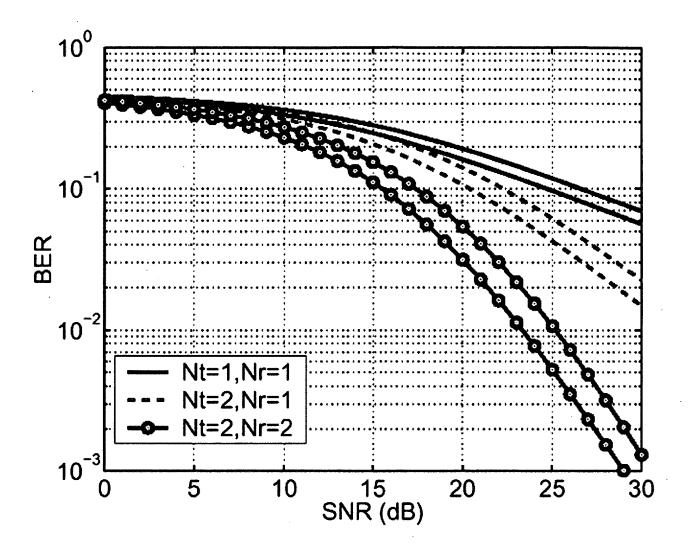


FIG. 11

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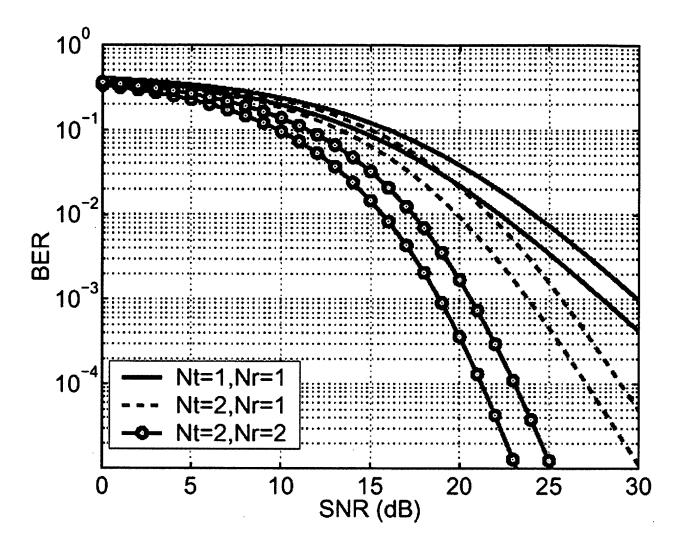


FIG. 12

APPLICANT: GEORGIOS GIANNAKIS AND LIUQING YANG
TITLE: SPACE-TIME CODING FOR MULTI-ANTENNA ULTRA-WIDEBAND TRANSMISSIONS
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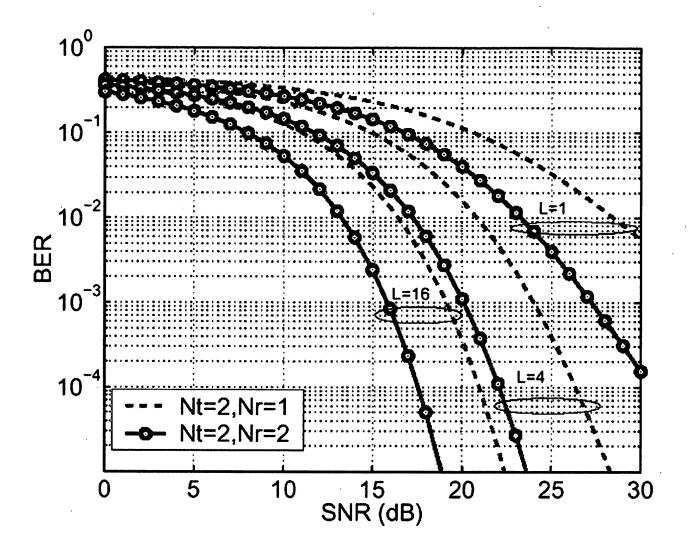


FIG. 13

APPLICANT: GEORGIOS GIANNAKIS AND LIUQING YANG TITLE: SPACE-TIME CODING FOR MULTI-ANTENNA ULTRA-WIDEBAND TRANSMISSIONS ATTORNEY/AGENT: KENT J. SIEFFERT REG. NO. 41,312 TELEPHONE: 651.735.1100 DOCKET NO.: 1008-013US01 SHEET

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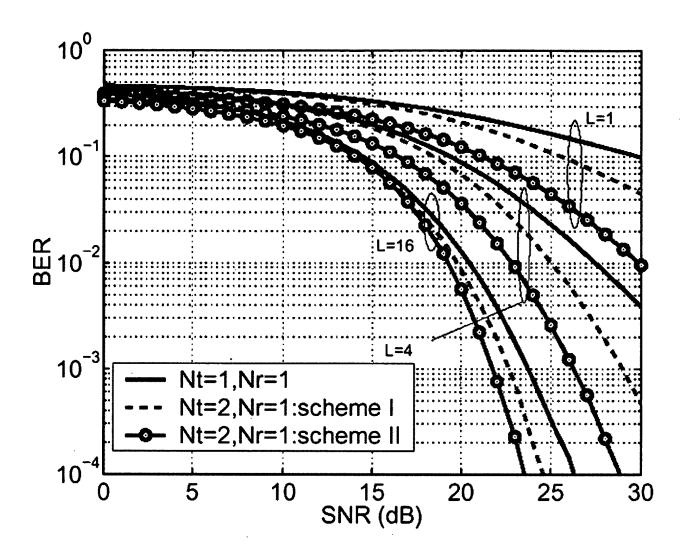


FIG. 14